

What is claimed is:

1. A nozzle, especially an atomizing nozzle for an oil burner, comprising a housing, which housing has a nozzle opening, and a distributing insert, which insert from the interior of the housing lies on the housing in the area of the nozzle opening and which insert is held in the housing with the help of a deformed housing section, and wherein between the housing section and the distributing insert is arranged an elastically deformable element.
2. A nozzle according to claim 1, wherein the housing section in the deformed condition tensions the distributing insert axially toward the housing.
3. A nozzle according to claim 1, wherein the housing section works with a force of at least 100 N on the distributing insert.
4. A nozzle according to claim 2, wherein the elastically deformable element defines a flow path.
5. A nozzle according to claim 4, wherein the elastically deformable element on its end which neighbors the distributing insert defines a free space with the radially inner wall of the housing.
6. A nozzle according to claim 4, wherein the flow path passes outwardly through at least one opening in the elastically deformable element.
7. A nozzle according to claim 2, wherein the elastically deformable element is formed as a tube.
8. A nozzle according to claim 7, wherein the elastically deformable element has a first section with a larger diameter and a second section with a smaller diameter, between which first and second sections is arranged a transitional section with an inclined wall.

9. A nozzle according to claim 8, wherein the outer diameter of the second section is smaller than the inner diameter of the first section.

10. A nozzle according to claim 2, wherein the elastically deformable element is formed by a cylindrical body with an axially running surface groove and a circumferential groove.

11. A nozzle according to claim 2, wherein the elastically deformable element and the distributing insert are formed as one piece.

12. A nozzle according to claim 2, wherein the elastically deformable element is formed by a spring.

13. A nozzle according to claim 12, wherein the spring is formed as a helical compression spring.

14. A nozzle according to claim 12, wherein the spring is formed as a plate spring.

15. A nozzle according to claim 12, wherein the spring works on the distributing insert through a tubular supporting element.